

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2005/001456

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: D06F 33/00, D06F 39/00, G05B 19/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: D06F, G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ, TXTn

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0176928 A1 (LEE ET AL.) 18 September 2003 (18.09.2003) <i>figures 1, 2, paragraphs [0024] - [0042].</i>	1-5, 7-13
Y	---	6
Y	US 2004/0051636 A1 (GALLAGHER) 18 March 2004 (18.03.2004) <i>figure 1, paragraph [0025].</i>	6
A	US 2003/0179746 A1 (MOON ET AL.) 25 September 2003 (25.09.2003) <i>figure 1, paragraphs [0025] - [0037].</i>	1-4, 7, 8, 10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
15 July 2005 (15.07.2005)

Date of mailing of the international search report
3 August 2005 (03.08.2005)

Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna
Facsimile No. +43 / 1 / 534 24 / 535

Authorized officer

WININGER B.

Telephone No. +43 / 1 / 534 24 / 460

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR 2005/001456

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US A 20030176 928		none	
US A 20030179 746		none	
US A 20040051 636		none	